



Future Coat Technology

POWER SOKE-200

ALKALINE GENERAL PURPOSE SOAK AND ELECTROLYTIC CLEANER FOR FERROUS AND NON-FERROUS METALS

Power soke-200 is a multipurpose alkaline cleaner designed for cleaning of steel and copper alloys. It rapidly wets metal surfaces and displaces oils, greases and shop soils, leaving the work clean and ready for further processing. Power soke-200 can be used as cleaner prior to plating, blackening, phosphating or for general cleaning process. It is specially made for continuous automatic strip, wire or foil cleaning process. Power soke-200 is moderate by alkaline and high by detergency; thereby it produces excellent cleaning over a wide temperature range. Power soke-200 displaces oils instead of emulsifying them. Oils removed from work pieces float to the surface where they are readily skimmed off. The cleaning solution thus does not get contaminated with oil and has very long life.

OPERATION CONDITIONS

	Soak	Electrolytic
Concentration	: 45-75 g/l	45-75 g/l
Temperature	: 70 - 90°C	60-90°C
Time	: 20 sec. -5 min	1 to 2 min.
Current density	: ---	2 –8 A/dm ²
Agitation	: Ultrasonic-optimal	

MAKE –UP

Fill a steel tank with approximately 2/3rd full of water. Add the required amount of power soke-200 and stir until all the material is dissolved. Top-up with water to working level and heat to operation temperature.

EQUIPMENT

Power soke-200 solutions may be contained in plain steel tanks and heated by means of a steel steam coil or by electric immersion heater. An overflow partition and an oil trap are advisable for keeping the surface of the cleaner free of oil. An exhaust is recommended.

TEMPERATURE SELECTION

Operation temperature is best maintained at a level of 100c above the release temperature of oils or the softening temperature of polishing compounds. Thermally insulated tanks are recommended.

CAUTION

Power soke-200 is alkaline in nature and contact of the salts or solution, with the skin or eyes should be avoided.